Proberta Water District
Water Management Plan
2008 Criteria

Date of first draft – October 6, 2009
Date of final – April 20, 2010

Index

Section 1: Description of the District

District Name: Proberta Water District

Contact Name: Carrie Rohr

Title: Secretary

Telephone: (530) 528-8604

E-mail: N/A

Web Address N/A

A. History

1. Date district formed: 1956 *Date of first Reclamation contract:* 7/25/1958
Original size (acres): 3,000 *Current year (last complete calendar year):* 2008

2. Current size, population, and irrigated acres

size (acres)	3,000
population served	0
irrigated acres	2,652

3. Water supplies received in current year 2008

Water Source	*AF*
Federal urban water (Tbl 1)	
Federal agricultural water (Tbl 1)	1512
State water (Tbl 1)	
Other Wholesaler (define) (Tbl 1)	
Local surface water (Tbl 1)	
Upslope drain water (Tbl 1)	
District ground water (Tbl 2)	
Banked water (Tbl 1)	
Transferred water (Tbl 6)	50
Recycled water (Tbl 3)	
Other (define) (Tbl 1)	
Total	1562

4. Annual entitlement under each right and/or contract

	AF	*Source*	*Contract #*	*Availability period(s)*
Urban AF/Y				

Agriculture AF/Y	3500	U.S.B.R.	14-06-200-7311-LTRI	March 2005-Feb. 2030
Other AF/Y				
Other AF/Y				

5. Anticipated land-use changes

None

6. Cropping patterns

List of current crops (crops with 5% or less of total acreage) can be combined in the 'Other' category.

Original Plan (1994)		*2003*		*2008*	
Crop Name	*Acres*	*Crop Name*	*Acres*	*Crop Name*	*Acres*
Corn	185	Pasture	870	Rice	180
Rice	413	Rice	300	Pasture	963
Pasture (non-irrg)	154	Hay (Alfalfa, Other)	360	Silage	428
Hay (Alfalfa, Other)	300	Silage	220	Alfalfa	100
Pasture	965	Almonds	260	Grain	100
Almonds	80	Prunes	109	Prunes	129
Prunes	86	Oat Seed	100	Almonds	250
Sunflower	100	Pasture (non-irrg.)	164	Pasture (non-irrg.)	250
misc. (<5%)	155	misc. (<5%)	55	misc. (<5%)	38
TOTAL	2438	TOTAL	2438	TOTAL	2438

(See Planner, Chapter 2, Appendix A for list of crop names)

7. Major irrigation methods (by acreage)

Original Plan (1994)		*2003*		*2008*	
Irrigation Method	*Acres*	*Irrigation Method*	*Acres*	*Irrigation Method*	*Acres*
Flood	2438	Flood	2438	Flood	2438
TOTAL	2438	TOTAL	2438	TOTAL	2438

B. Location and Facilities

See Attachment A for points of delivery, turnouts (internal flow), and outflow (spill) points, measurement locations, conveyance system, storage facilities, operational loss recovery system, wells, and water quality monitoring locations

1. Incoming flow locations and measurement methods

Location Name	*Physical Location*	*Type of Measurement Device*	*Accuracy*
Pumping Plant	Flores Ave. & Rawson Rd.	Propeller	99%

Pumping Plant	Ottman Ave.	Metered	99%
Various Meters	On each property in the water district	Metered	95%

2. Current year Agricultural Conveyance System

Miles Unlined - Canal	*Miles Lined - Canal*	*Miles Piped*	*Miles - Other*
		9.7	

1998 Agricultural conveyance System

~~*3. Current year Urban Distribution*~~

4. Storage facilities (tanks, reservoirs, regulating reservoirs)

Name	*Type*	*Capacity (AF)*	*Distribution or Spill*
Dusty Way	Used for flow control	185,000 gallons	Reservoir- Regulating
TOTAL		60.01	

5. Outflow locations and measurement methods
Provide this information in Section 2 F.

6. Description of the agricultural spill recovery system
None – no spill

7. Agricultural delivery system operation (check all that apply)

On-demand	*Scheduled*	*Rotation*	*Other (describe)*
	24 hour notice		

8. Restrictions on water source(s)

Source	*Restriction*	*Cause of Restriction*	*Effect on Operations*
Reduce Deliveries	WATER ADJUSTED IN 2008/2009	Fish flows	Limited irrigation during months

9. Proposed changes or additions to facilities and operations for the next 5 years
Considering district wells to utilize groundwater. Board is only discussing this at this point. No action has been taken. Members are talking to other districts that have done this.

C. Topography and Soils

1. Topography of the district and its impact on water operations and management
Flat land, laser leveled to improve irrigation efficiency.

2. District soil association map
See Attachment B, District Soils Map
Maywood-Tehama 3000 acres frequent slow irrigation

3. Agricultural limitations resulting from soil problems

Soil Problem	*Estimated Acres*	*Effect on Water Operations and Management*
(define)		
(define)		
(define)		
(define) slow/moderate permeability	3000	Frequent slow irrigation to prevent run off

D. Climate

1. General climate of the district service area

	Jan	*Feb*	*Mar*	*Apr*	*May*	*Jun*	*Jul*	*Aug*	*Sep*	*Oct*	*Nov*	*Dec*	*Annual*
Avg Precip.	4.4	3.7	2.9	1.6	1.1	.46	.07	.14	.47	1.4	2.9	4.0	23.19
Avg Temp.	46	50	54	60	68	76	82	80	75	65	53	47	63
Max. Temp.	55	60	65	72	82	90	98	96	91	79	64	55	75.5
Min. Temp	37	40	43	47	54	61	66	63	59	51	43	38	50.1
ETo													

Weather station ID Red Bluff *Data period: Year* 1933 *to Year* 2009

Average wind velocity 6.0 mph *Average annual frost-free days:* 320-340 days

2. Impact of microclimates on water management within the service area

N/A

E. Natural and Cultural Resources

1. Natural resource areas within the service area

Name	*Estimated Acres*	*Description*
Waterfowl	200	Winter flooding in rice fields

2. Description of district management of these resources in the past or present
NONE

3. Recreational and/or cultural resources areas within the service area

Name	*Estimated Acres*	*Description*
NONE		

F. Operating Rules and Regulations

1. Operating rules and regulations
See Attachment C, District Rules and Regulations (water related)

2. Water allocation policy (Agricultural only)
See Attachment C- Water Shortage
Summary – Each acre is entitled to an equal share of the water available annually.

3. Official and actual lead times necessary for water orders and shut-off
See Attachment C-District Measurement
Summary – 24 hrs/24 hrs

4. Policies regarding return flows (surface and subsurface drainage from farms) and outflow
Summary – None

5. Policies on water transfers by the district and its customers
Summary – District may transfer any unused water by a customer that is part of the District water bank. When in a drought year, no water will be transferred to another water district.

G. Water Measurement, Pricing, and Billing

1. Agricultural Customers

a. Number of farms 27

b. Number of delivery points (turnouts and connections) 38

c. Number of delivery points serving more than one farm 1

d. Number of measured delivery points (meters and measurement devices) 38

e. Percentage of delivered water that was measured at a delivery point 100

f. Delivery point measurement device table

Measurement Type	*Number*	*Accuracy (+/- %)*	*Reading Frequency (Days)*	*Calibration Frequency (Months)*	*Maintenance Frequency (Months)*
Orifices					
Propeller meter	38	4	At Irrigation	Annual	Daily
Weirs					

Flumes					
Venturi					
Metered gates					
Acoustic doppler					
Other (define)					
Total					

6 meters replaced in 2008/2009

~~*2. Urban Customers*~~

3. Agriculture and Urban Customers

a. Current year agriculture water charges - including rate structures and billing frequency
See Attachment C-Pricing for current year rate ordinance
Assessment – $0.60 per $100 land valuation – 2008/09
Per Acre Foot charges $38.00 – 2008/09

b. Annual charges collected from customers (current year data)

Fixed Charges – determined by acre, etc.			
$	*per acre, etc.*	*Units billed per year*	*$ collected per year*
$0.60	Per $100 land valuation	2,997.9 acres	$27,137.98
		TOTAL	

Volumetric charges			
Charges ($ unit)	*Charge units ($ per AF, etc.)*	*Units billed during year (AF, etc.)*	*$ collected ($ times units)*
	$38.00/AF	1512 AF	$57,509.94
	$75.00/AF	50 AF	$3750.00
		TOTAL	$61,259.94

See Attachment D, District Sample Bills

c. Water-use data accounting procedures
Ditch rider gives meter readings to District staff. Bills are calculated monthly and sent to users. Usage history per meter since 1992 is kept on file and available to customers upon request.

H. Water Shortage Allocation Policies

1. Current year water shortage policies or shortage response plan - specifying how reduced water

supplies are allocated
See Attachment C, Water Shortage

Each acre gets an equal share of the water available for that year.

2. *Current year policies that address wasteful use of water and enforcement methods*

District's Board of Directors will notify any landowners identified of allowing water to run uncontrolled in a wasteful manner. Corrective actions will be required.

Assessment

Section 2: Inventory of Water Resources

A. Surface Water Supply

1. *Acre-foot amounts of surface water delivered to the water purveyor by each of the purveyor's sources*

See Water Inventory Tables, Table 1

2. *Amount of water delivered to the district by each of the district sources for the last 10 years*

See Water Inventory Tables, Table 8

B. Ground Water Supply

1. *Acre-foot amounts of ground water pumped and delivered by the district*

See Water Inventory Tables, Table 2

2. *Ground water basin(s) that underlies the service area*

Name	*Size (Square Miles)*	*Usable Capacity (AF)*	*Safe Yield (AF/Y)*
Sacramento Valley Tehama Unit	980	None	None

3. *Map of district-operated wells and managed ground water recharge areas*

There are no District operated wells or managed ground water recharge areas.

Name	***Date Drilled***	***Capacity (gpm)***	***Depth (ft)***	***Pump Depth (ft)***	***Spring Static Water Level (ft)***	***Pumped Water Level (ft)***

4. *Description of conjunctive use of surface and ground water*
   Tehama County ground water management plan identifies a limited safe yield of 1000 a.f.

5. Ground Water Management Plan

N/A

6. Ground Water Banking Plan

N/A

C. Other Water Supplies

1. "Other" water used as part of the water supply
See the Water Inventory Tables, Table 1

D. Source Water Quality Monitoring Practices

~~*1. Potable Water Quality*~~

2. Agricultural water quality concerns: *Yes* _____ *No* X
(If yes, describe)

3. Description of the agricultural water quality testing program and the role of each participant, including the district, in the program
N/A

4. *Current water quality monitoring programs for surface water by source*

Analyses Performed	*Frequency*	*Concentration Range*	*Average*
None			

Current water quality monitoring programs for groundwater by source

Analyses Performed	*Frequency*	*Concentration Range*	*Average*
None			

E. Water Uses within the District

1. Agricultural
See Water Inventory Tables, Table 5 - Crop Water Needs

2. *Types of irrigation systems used for each crop in current year - 2008*

Crop name	*Total Acres*	*Level Basin - acres*	*Furrow - acres*	*Sprinkler - acres*	*Low Volume - acres*	*Multiple methods - acres*
Pasture	250	250				
Rice	50	50				
Silage	40		40			
Prunes	70			70		
Almonds	300			300		
Hay Crops						
Grain						

~~3. *Urban use by customer type in current year*~~

~~4. *Urban Wastewater Collection/Treatment Systems serving the service area – current year*~~

5. *Ground water recharge/management in current year (Table 6)*

Recharge Area	*Method of Recharge*	*AF*	*Method of Retrieval*
None			
	Total		

6. *Transfers and exchanges into or out of the service area in current year (Table 6)*

From Whom	*To Whom*	*AF*	*Use*
Corning Water District	Proberta Water District	0	Agriculture
Kirkwood Water District	Proberta Water District	50	Agriculture

7. *Trades, wheeling, wet/dry year exchanges, banking or other transactions in current year (Table 6)*

From Whom	*To Whom*	*AF*	*Use*
None			

8. *Other uses of water in current year*

Other Uses	*AF*
None	

F. Outflow from the District

Districts included in the drainage problem area, as identified in "A Management Plan for Agricultural Subsurface Drainage and Related Problems on the Westside San Joaquin Valley (September 1990)," should also complete

See Facilities Map, Attachment A, for the location of surface and subsurface outflow points, outflow measurement points, outflow water-quality testing locations

1. Surface and subsurface drain/outflow in current year

Insufficient tailwater or subsurface drainage reaches creeks or drains to establish flow.

Outflow point	*Location description*	*AF*	*Type of measurement*	*Accuracy (%)*	*% of total outflow*	*Acres drained*
None						

Outflow point	*Where the outflow goes (drain, river or other location)*	*Type Reuse (if known)*
None		

2. Description of the Outflow (surface and subsurface) water quality testing program and the role of each participant in the program

None

3. Outflow (surface drainage & spill) Quality Testing Program

Analyses Performed	*Frequency*	*Concentration Range*	*Average*	*Reuse limitation?*
None				

Outflow (subsurface drainage) Quality Testing Program

Analyses Performed	*Frequency*	*Concentration Range*	*Average*	*Reuse limitation?*
None				

4. Provide a brief discussion of the District's involvement in Central Valley Regional Water Quality Control Board programs or requirements for remediating or monitoring any contaminants that would significantly degrade water quality in the receiving surface waters.

Currently the District is following the requirements for the Central Valley Regional Water Quality Control Board. We also ask that are water users please not use chemicals on windy days or near the canal area.

G. Water Accounting (Inventory)

1. *Water Supplies Quantified*

   a. *Surface water supplies, imported and originating within the service area, by month (Table 1)*
   b. *Ground water extracted by the district, by month (Table 2)*
   c. *Effective precipitation by crop (Table 5)*
   d. *Estimated annual ground water extracted by non-district parties (Table 2)*
   e. *Recycled urban wastewater, by month (Table 3)*
   f. *Other supplies, by month (Table 1)*

2. *Water Used Quantified*

   a. *Agricultural conveyance losses, including seepage, evaporation, and operational spills in canal systems (Table 4) or*
   ~~*Urban leaks, breaks and flushing/fire uses in piped systems (Table 4)*~~
   b. *Consumptive use by riparian vegetation or environmental use (Table 6)*
   c. *Applied irrigation water - crop ET, water used for leaching/cultural practices (e.g., frost protection, soil reclamation, etc.) (Table 5)*
   ~~*d. Urban water use (Table 6)*~~
   e. *Ground water recharge (Table 6)*
   f. *Water exchanges and transfers and out-of-district banking (Table 6)*
   g. *Estimated deep percolation within the service area (Table 6)*
   h. *Flows to perched water table or saline sink (Table 7)*
   i. *Outflow water leaving the district (Table 6)*
   j. *Other*

3. *Overall Water Inventory*
   a. *Table 6*

H. Assess Quantifiable Objectives:

Identify the Quantifiable Objectives that apply to the District (Planner, chapter 10) and provide a short narrative describing past, present and future plans that address the CALFED Water Use Efficiency Program goals identified for the District.

QO #	*QO Description*	*Past, Present & Future Plans*
13	Provide flow to improve ecosystem conditions	Be user friendly to improve ecosystem conditions
15	Reduce pesticides to enhance and maintain beneficial uses of water	Spray on days wind doesn't blow & keep chemicals away from canal

Section 3: Best Management Practices (BMPs) for Agricultural Contractors

A. Critical Agricultural BMPs

1. *Measure the volume of water delivered by the district to each turnout with devices that are operated and maintained to a reasonable degree of accuracy, under most conditions, to +/- 6%*
   District is completely metered. The accuracy for these meters is 4%.

Number of turnouts that are unmeasured or do not meet the standards listed above: _____

Number of measurement devices installed last year: _____

Number of measurement devices installed this year: _____

Number of measurement devices to be installed next year: _____

Types of Measurement Devices Being Installed	*Accuracy*	*Total Installed During Current Year*

2. *Designate a water conservation coordinator to develop and implement the Plan and develop progress reports*

Name: Carrie Rohr *Title:* Secretary

Address: *P.O. Box 134, Proberta, CA 96078*

Telephone: (530) 528-8604 *E-mail:* N/A

3. *Provide or support the availability of water management services to water users*
See Attachment J, Notices of District Education Programs and Services Available to Customers. Red Bluff Daily News, Soil moisture/salinity monitoring, Educational programs via workshops, seminars, newsletters, field days, etc.

a. On-Farm Evaluations

1) On farm irrigation and drainage system evaluations using a mobile lab type assessment

	Total in district	*# surveyed last year*	*# surveyed in current year*	*# projected for next year*	*# projected 2nd yr in future*
Irrigated acres	2438	300	500	500	600
Number of farms	27	3	6	8	10
		2007	2008	2009	2010

2) Timely field and crop-specific water delivery information to the water user
Each farmer reads his meter daily during water deliveries. That way the farmers have daily information as to how much each crop uses. District does not have the staff to provide farmers with water use by crop & field.

b. Real-time and normal irrigation scheduling and crop ET information
Red Bluff newspaper provided weekly ET information in an evapotranspiration column

c. Surface, ground, and drainage water quantity and quality data provided to water users
District has no surface, ground & drainage water quality problems or monitoring programs.

d. Agricultural water management educational programs and materials for farmers, staff, and the public

Program	*Co-Funders (If Any)*	*Yearly Targets*
Ag Water – Software		
News Letters		

e. other
Workshops, Seminars, Field Days
See Attachment M

4. Pricing structure - based at least in part on quantity delivered
Describe the quantity-based water pricing structure, the cost per acre-foot, and when it became effective.
Complete – all water deliveries are billed by quantity. Effective when District was formed in 1956. Cost of water per acre foot was $38.00.

5. Evaluate and describe the need for changes in policies of the institutions to which the district is subject
Evaluate the policies of agencies that provide the District with water to identify the potential for institutions changes to allow more flexible water deliveries and storage.

Because of the shortage of water the last couple of years, the District would like to see our allotment be set as soon as possible. The District understands that this is hard to do, as rainfall determines how much water each District will receive. But for the farmers it would be a great help in determining what crops to plant for that year. It is also hard to determine what crops to plant when you kind of know that you may get more water then what is original allotted. This also helps our District decided the price of water and set our budget for the year.

6. Evaluate and improve efficiencies of district pumps

Describe the program to evaluate and improve the efficiencies of the contractor's pumps.
District has seven pumps. Two new pumps were installed in 1998. All seven pumps are cleaned and check yearly. (3were checked in 2008). The District has a regular pump maintenance program.

B. Exemptible BMPs for Agricultural Contractors

(See Planner, Chapter 2, Appendix C for examples of exemptible conditions)

N/A – District has no irrigable lands that have exceptionally high water duties or other problems.

1. Facilitate alternative land use

Drainage Characteristic	*Acreage*	*Potential Alternate Uses*
High water table (<5 feet)		
Poor drainage		
Ground water Selenium concentration > 50 ppb		
Poor productivity		

Describe how the contractor encourages customers to participate in these programs.

2. Facilitate use of available recycled urban wastewater that otherwise would not be used beneficially, meets all health and safety criteria, and does not cause harm to crops or soils

Sources of Recycled Urban Waste Water	*AF/Y Available*	*AF/Y Currently Used in District*
N/A		

3. Facilitate the financing of capital improvements for on-farm irrigation systems

Funding source Programs	*How provide assistance*
NRCS, ACS or the Universities	Pass along this information to the land ownerws

4. Incentive pricing

Structure of incentive pricing	*Related goal*
Tiered Pricing	District takes the prices (cost of water) given to them by the Bureau of Reclamation. We add those up and divide by the number we added to get our water price for the District users.

5. a) Line or pipe ditches and canals

Canal/Lateral (Reach)	*Type of Improvement*	*Number of Miles in Reach*	*Estimated Seepage (AF/Y)*	*Accomplished/ Planned Date*
Completely Piped		9.7		

b) Construct regulatory reservoirs

Reservoir Name	*Annual Spill in Section (AF/Y)*	*Estimated Spill Recovery (AF/Y)*	*Accomplished/ Planned Date*

Regulatory reservoir – less than 1700 gpd during irrigation season (200 days) – seepage appox. 1af

6. Increase flexibility in water ordering by, and delivery to, water users

District provides 7 day rotation schedule. We will continue to provide as much flexibility as the distribution system allows.

7. Construct and operate district spill and tailwater recovery systems

Distribution System Lateral	*Annual Spill (AF/Y)*	*Quantity Recovered and reused (AF/Y)*
N/A		
Total		

Drainage System Lateral	*Annual Drainage Outflow (AF/Y)*	*Quantity Recovered and reused (AF/Y)*
Total		

8. Plan to measure outflow.

Total # of outflow (surface) locations/points 0

Total # of outflow (subsurface) locations/points 0

Total # of measured outflow points 0

Percentage of total outflow (volume) measured during report year 0%

Identify locations, prioritize, determine best measurement method/cost, submit funding proposal

Location & Priority	*Estimated cost (in $1,000s)*				
	2009	*2010*	*2011*	*2012*	*2013*
Whole District/ Keep meters up and functional	1.5	1	1	1	1

9. Optimize conjunctive use of surface and ground water

N/A – District does not use ground water, and the depth to groundwater is not increasing.

10. Automate canal structures
Proberta Water District has not looked into this. However, we understand that we can ask Cal Poly's Irrigation Training and Research Center to come and visit our district and do a Rapid Appraisal of our system to see if it would benefit our district. The District in the next year will looking into this possibility.

11. Facilitate or promote water customer pump testing and evaluation
The District will provide its customers with a list of private pump testing companies. P G & E has cancelled their free pump test program.

12. Mapping

GIS maps	*Estimated cost (in $1,000s)*				
	2009	*2010*	*2011*	*2012*	*2013*
Layer 1 – Distribution system	0	2.5	2.5	2.5	2.5
Layer 2 – Drainage system					
Suggested layers:					
Layer 3 – Ground water information					
Layer 4 – Soils map					
Layer 5 – Natural & cultural resources					
Layer 6 – Problem areas					

C. Provide a 3-Year Budget for Implementing BMPs

1. Amount actually spent during current year. 2009

BMP #		*BMP Name*	Actual Expenditure *(not including staff time)*	*Staff Hours*
A	*1*	*Measurement*	*$25,000*	*600*
	2	*Conservation staff*	*$1,300*	*100*
	3	*On-farm evaluation /water delivery info*	*$3,000*	*50*
		Irrigation Scheduling	*$3,000*	*50*
		Water quality	*$3,000*	*1*
		Agricultural Education Program	*$3,000*	*4*
	4	*Quantity pricing*	*$15*	*4*
	5	*Policy changes*	*$15*	*20*
	6	*Contractor's pumps*	*$2,200*	*24*
B	*1*	*Alternative land use*	$0	1
	2	*Urban recycled water use*	$0	1
	3	*Financing of on-farm improvements*	$200	2
	4	*Incentive pricing*	$2,000	1
	5	*Line or pipe canals/install reservoirs*	$6,200	80
	6	*Increase delivery flexibility*	$20	40
	7	*District spill/tailwater recovery systems*	$0	4
	8	*Measure outflow*	*$0*	*1*
	9	*Optimize conjunctive use*	$0	0
	10	*Automate canal structures*	$0	0
	11	*Customer pump testing*	$20	40
	12	*Mapping*	$0	*0*
		Total	$48,970	1023

2. *Projected budget summary for the next year. 2010*

BMP #		BMP Name	Budgeted Expenditure (not including staff time)	Staff Hours
A	1	Measurement	$15,000	600
	2	Conservation staff	$1,000	100
	3	On-farm evaluations/water delivery info	$2,000	50
		Irrigation Scheduling	$2,000	50
		Water quality	$2,000	1
		Agricultural Education Program	$2,000	4
	4	Quantity pricing	$15	4
	5	Policy changes	$15	20
	6	Contractor's pumps	$2,000	24
B	1	Alternative land use	$0	1
	2	Urban recycled water use	$0	1
	3	Financing of on-farm improvements	$200	2
	4	Incentive pricing	$2,000	1
	5	Line or pipe canals/install reservoirs	$6,000	80
	6	Increase delivery flexibility	$20	40
	7	District spill/tailwater recovery systems	$0	4
	8	Measure outflow	$0	1
	9	Optimize conjunctive use	$0	0
	10	Automate canal structures	$0	0
	11	Customer pump testing	$20	40
	12	Mapping	$0	0
		Total	$34,270	1023

3. *Projected budget summary for 3rd year. 2011*

BMP #		BMP Name	Budgeted Expenditure (not including staff time)	Staff Hours
A	1	Measurement	$15,000	600
	2	Conservation staff	$1,000	100
	3	On-farm evaluations/water delivery info	$2,000	80
		Irrigation Scheduling	$2,000	50
		Water quality	$2,000	2
		Agricultural Education Program	$2,000	4
	4	Quantity pricing	$15	5
	5	Policy changes	$15	20
	6	Contractor's pumps	$2,000	24

(continued)			*Budgeted Expenditure*	
BMP	*#*	*BMP Name*	*(not including staff time)*	*Staff Hours*
B	*1*	*Alternative land use*	$0	1
	2	*Urban recycled water use*	$0	1
	3	*Financing of on-farm improvements*	$200	2
	4	*Incentive pricing*	$2,000	1
	5	*Line or pipe canals/install reservoirs*	$6,000	70
	6	*Increase delivery flexibility*	$20	50
	7	*District spill/tailwater recovery systems*	$0	4
	8	*Measure outflow*	*$0*	*1*
	9	*Optimize conjunctive use*	$0	0
	10	*Automate canal structures*	$0	0
	11	*Customer pump testing*	$20	40
	12	*Mapping*	$0	*0*
		Total	$34,270	1055

~~Section 4: Best Management Practices for Urban Contractors~~

Year of Data | 2008 |

Table 1

Surface Water Supply

2008 Month	Federal Ag Water (acre-feet)	Federal non-Ag Water. (acre-feet)	State Water (acre-feet)	Local Water (acre-feet)	Other Water (acre-feet)	Upslope Drain (acre-feet)	Total (acre-feet)
Method	M1						
January	0	0	0	0	0	0	0
February	0	0	0	0	0	0	0
March	7	0	0	0	0	0	7
April	209	0	0	0	0	0	209
May	250	0	0	0	0	0	250
June	219	0	0	0	0	0	219
July	450	0	0	0	0	0	450
August	256	0	0	0	50	0	306
September	91	0	0	0	0	0	91
October	27	0	0	0	0	0	27
November	3	0	0	0	0	0	3
December	0	0	0	0	0	0	0
TOTAL	1,512	0	0	0	50	0	1,562

Table 2

Ground Water Supply

2008 Month	District Groundwate (acre-feet)	Private Agric *(acre-feet)
Method		Private Wells
January	0	0
February	0	0
March	0	30
April	0	250
May	0	300
June	0	300
July	0	500
August	0	250
September	0	150
October	0	75
November	0	10
December	0	0
TOTAL	0	1,865

*normally estimated

Table 3

Total Water Supply

2008 Month	Surface Water Total (acre-feet)	District Groundwate (acre-feet)	Recycled M&I (acre-feet)	Total District (acre-feet)
Method	M1			
January	0	0	0	0
February	0	0	0	0
March	7	0	0	7
April	209	0	0	209
May	250	0	0	250
June	219	0	0	219
July	450	0	0	450
August	306	0	0	306
September	91	0	0	91
October	27	0	0	27
November	3	0	0	3
December	0	0	0	0
TOTAL	1,562	0	0	1,562

*Recycled M&I Wastewater is treated urban wastewater that is used for agriculture.

Table 4

Agricultural Distribution System

2008

Canal, Pipeline, Lateral, Reservoir	**Length** (feet)	**Width** (feet)	**Surface Area** (square feet)	**Precipitatio** (acre-feet)	**Evaporation** (acre-feet)	**Spillage** (acre-feet)	**Seepage** (acre-feet)	**Total** (acre-feet)
Pipeline	51,216	4		0.0	0.0	0	0	0
Reservoir	30	30	900	0.0	0.0	0	0	1
	0	0	0	0.0	0.0	0	0	0
	0	0	0	0.0	0.0	0	0	0
	0	0	0	0.0	0.0	0	0	0
	0	0	0	0.0	0.0	0	0	0
	0	0	0	0.0	0.0	0	0	0
	0	0	0	0.0	0.0	0	0	0
	0	0	0	0.0	0.0	0	0	0
	0	0	0	0.0	0.0	0	0	0
	0	0	0	0.0	0.0	0	0	0
TOTAL				0.0	0.0	0	0	0

Table 5

Crop Water Needs

2008 Crop Name	Area (crop acres)	Crop ET (AF/Ac)	Leaching Requiremen (AF/Ac)	Cultural Practices (AF/Ac)	Effective Precipitatio (AF/Ac)	Appl. Crop Water Use (acre-feet)
Rice	180	5.00	0.00	0.00	0.0	900
Pasture	963	3.40	0.00	0.00	0.2	3,082
Pasture (non-irrigat	250	0.00	0.00	0.00	0.0	0
Silage	428	2.80	0.00	0.00	0.1	1,156
Sunflowers	20	1.70	0.00	0.00	0.0	34
Grapes	18	2.20	0.00	0.00	0.0	40
Prunes	129	1.70	0.00	0.00	0.0	219
Almonds	250	1.60	0.00	0.00	0.0	400
Alfalfa	100	2.80	0.00	0.00	0.2	260
Grain	100	1.00	0.00	0.00	0.0	100
	0	0.00	0.00	0.00	0.0	0
	0	0.00	0.00	0.00	0.0	0
	0	0.00	0.00	0.00	0.0	0
	0	0.00	0.00	0.00	0.0	0
	0	0.00	0.00	0.00	0.0	0
All other crops	0	0.00	0.00	0.00	0.0	0
Crop Acres	2,438					6,190

Total Irrig. Acres 2,438 (If this number is larger than your known total, it may be due to double cropping)

Table 6

2008 District Water Inventory

Water Supply	Table 3		1,575
Riparian ET	(Distribution and Drain)	minus	0
Groundwater recharge	intentional - ponds, injection	minus	0
Seepage	Table 4	minus	0
Evaporation - Precipitation	Table 4	minus	0
Spillage	Table 4	minus	0
Transfers/trades/wheeling		**plus/minus**	50
Non-agricultural sales (urban)		minus	0
Water Available for sale to customers			1,625
2008 Actual Agricultural Water Sales	From District Sales Records		1,562
Private Groundwater	Table 2	plus	1,865
Crop Water Needs	Table 5	minus	6,190
Drainwater outflow	(tail and tile not recycled)	minus	0
Percolation from Agricultural Land	(calculated)		

Table 7

Influence on Groundwater and Saline Sink

2008

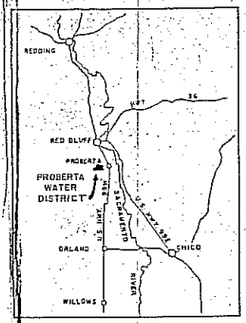
Agric Land Deep Perc + Seepage + Recharge - Groundwater Pumping = District Influence	0
Estimated actual change in ground water storage, including natural recharge)	0
Irrigated Acres (from Table 5)	2,438
Irrigated acres over a perched water table	0
Irrigated acres draining to a saline sink	0
Portion of percolation from agri seeping to a perched water table	0
Portion of percolation from agri seeping to a saline sink	0
Portion of On-Farm Drain water flowing to a perched water table/saline sink	0
Portion of Dist. Sys. seep/leaks/spills to perched water table/saline sink	0
Total (AF) flowing to a perched water table and saline sink	0

Table 8

Annual Water Quantities Delivered Under Each Right or Contract

Year	Federal Ag Water (acre-feet)	Federal non-Ag Water. (acre-feet)	State Water (acre-feet)	Local Water (acre-feet)	Other Water (acre-feet)	Upslope Drain (acre-feet)	Total (acre-feet)
1999	3,500	0	0	0	530	0	4,030
2000	3,500	0	0	0	1,652	0	5,152
2001	2,100	0	0	0	3,872	0	5,972
2002	3,500	0	0	0	807	0	4,307
2003	3,500	0	0	0	57	0	3,557
2004	3,500	0	0	0	503	0	4,003
2005	2,800	0	0	0	435	0	3,235
2006	2,800	0	0	0	591	0	3,391
2007	2,800	0	0	0	1,318	0	4,118
2008	1,575	0	0	0	50	0	1,625
Total	29,575	0	0	0	9,815	0	39,390
Average	2,958	0	0	0	982	0	3,939

Attachment A



PROBERTA WATER DISTRICT

GENERAL PLAN

RINGEL & ASSOCIATES

CIVIL ENGINEERS & SURVEYORS

SCALE IN FEET

0 500 1000 2000

Revised 5-63 by E.C.R.

LEGEND

- SCREEN
- PUMPING PLANT
- IRRIGATION PIPE
- HEIGHT OF DELIVERY ABOVE GROUND SURFACE
- AIR VALVE
- TYPE B DELIVERY
- TYPE S DELIVERY
- DISTRICT BOUNDARY
- PROPERTY LINES
- PIPELINE
- METER
- CONTROL RESERVOIR
- VERTICAL FLOWMETER INSTALLATION
- LINE METER INSTALLATION

CORNING CANAL

SOUTHERN PACIFIC RAILROAD

U.S. HWY No. 99W

LAS FLORES AVE

PROBERTA

OTTMAN

CHARD AVE

RAWSON RD

LATERAL 100 (GRAVITY)

LATERAL 200 (PUMP)

LATERAL 300 (PUMP)

LATERAL 400 (PUMP)

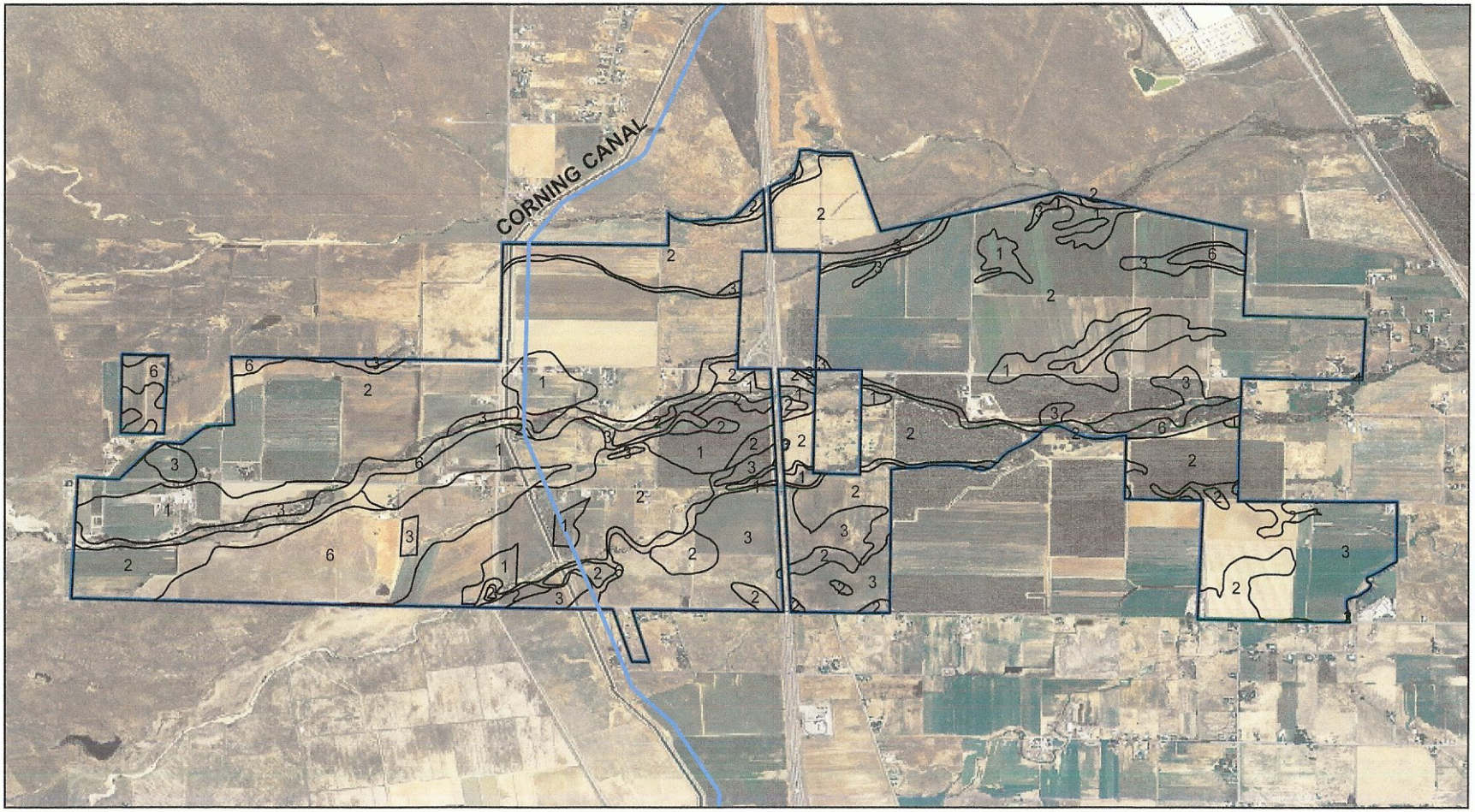
LATERAL 500 (PUMP)

EXCLUDED

Reservoir

Attachment B

Proberta WD Soil Classification Map



Legend

- Soil Classification
- Proberta WD Boundary

0 0.5 1 2 Miles

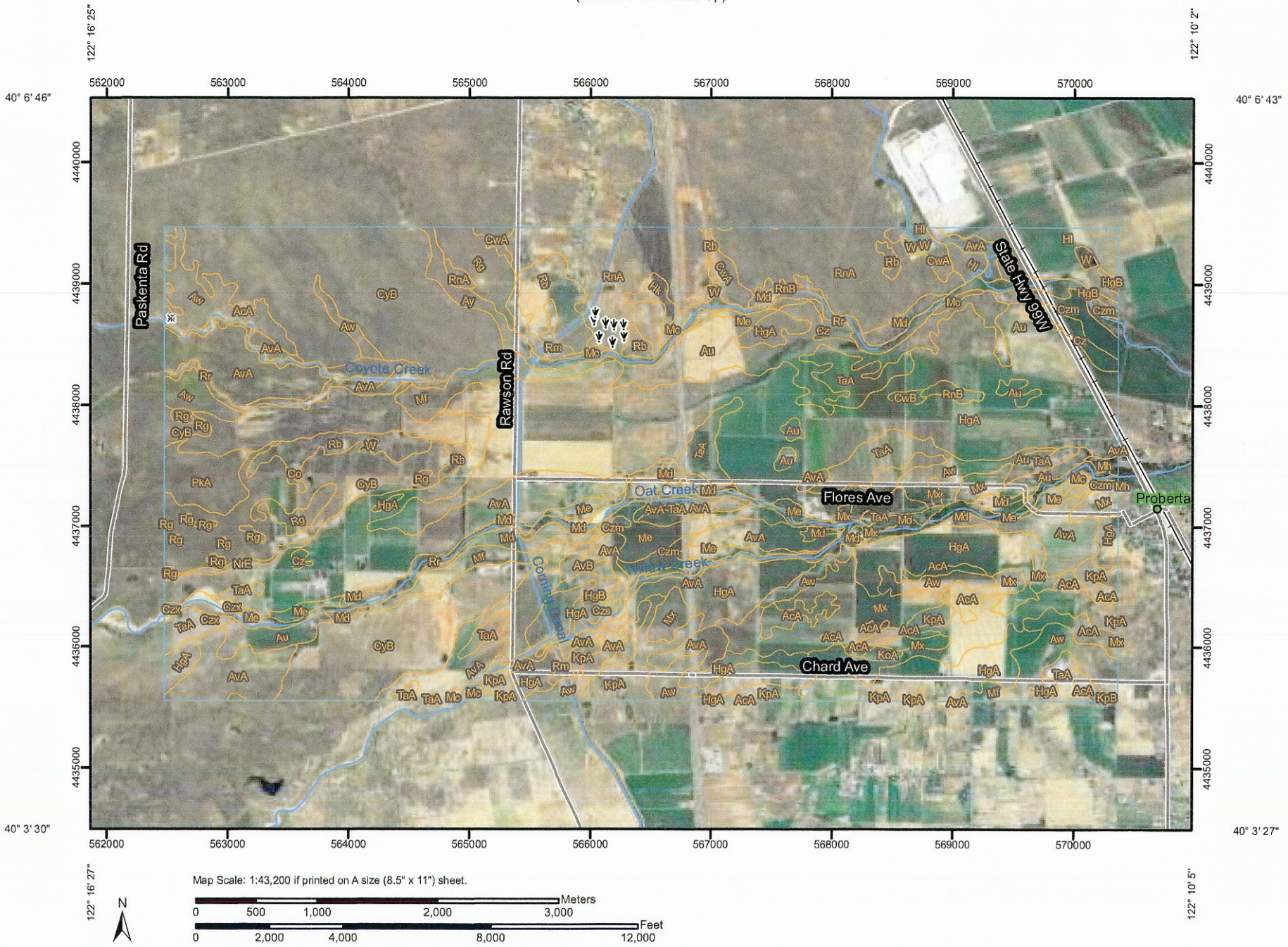
N
W E
S

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

2009-12-16 Draft

Attachment B

Soil Map—Tehama County, California
(Proberta WD Soil Map)



MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Units

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other

Special Line Features
- Gully
- Short Steep Slope
- Other

Political Features
- Cities

Water Features
- Oceans
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads

MAP INFORMATION

Map Scale: 1:43,200 if printed on A size (8.5" × 11") sheet.

The soil surveys that comprise your AOI were mapped at 1:20,000.

Please rely on the bar scale on each map sheet for accurate map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL: http://websoilsurvey.nrcs.usda.gov
Coordinate System: UTM Zone 10N NAD83

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Tehama County, California
Survey Area Data: Version 5, Aug 14, 2009

Date(s) aerial images were photographed: 6/29/2005; 6/30/2005

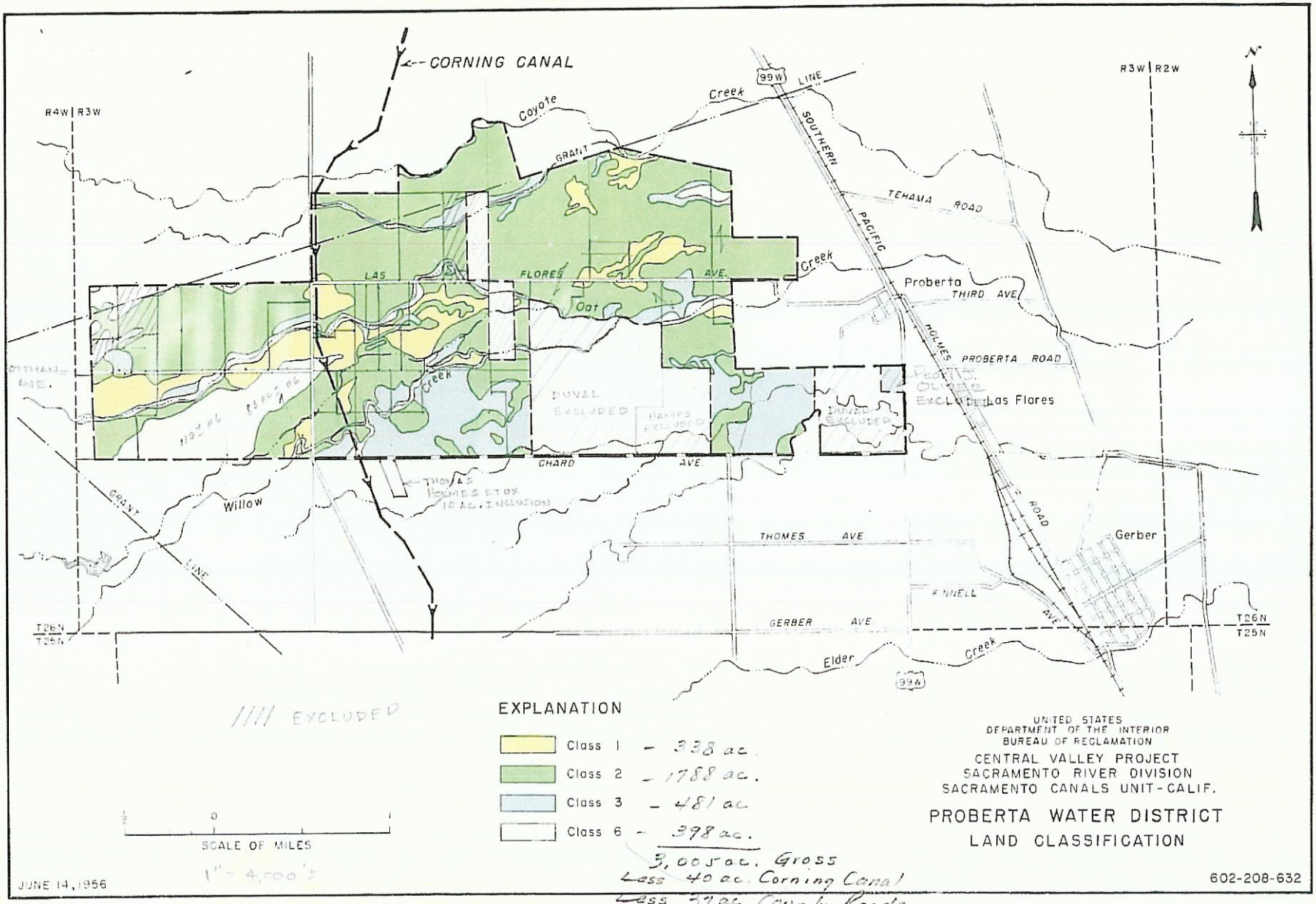
The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Tehama County, California (CA645)			
Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
AcA	Altamont clay, terrace, 0 to 3 percent slopes	117.3	1.5%
Au	Arbuckle gravelly fine sandy loam, 0 to 3 percent slope s	299.1	3.9%
AvA	Arbuckle gravelly loam, 0 to 3 percent slopes	1,155.7	15.1%
AvB	Arbuckle gravelly loam, 3 to 8 percent slopes	18.6	0.2%
Aw	Arbuckle gravelly loam, clayey substratum, 0 to 3 perce nt slopes	548.5	7.2%
Ay	Arbuckle gravelly loam, clayey substratum, channeled	37.7	0.5%
Co	Columbia loam, 0 to 3 percent slopes	3.9	0.1%
CwA	Corning gravelly loam, 0 to 3 percent slopes	57.3	0.8%
CwB	Corning gravelly loam, 3 to 8 percent slopes	6.1	0.1%
CyB	Corning-Redding gravelly loams, 0 to 5 percent slopes	1,047.6	13.7%
Cz	Cortina gravelly fine sandy loam	42.3	0.6%
Czm	Cortina gravelly fine sandy loam, moderately deep	77.4	1.0%
Czs	Cortina very gravelly fine sandy loam	10.1	0.1%
Czx	Cortina complex	9.3	0.1%
HgA	Hillgate loam, 0 to 3 percent slopes	1,628.6	21.3%
HgB	Hillgate loam, 3 to 8 percent slopes	25.6	0.3%
Hk	Hillgate gravelly loam, 0 to 3 percent slopes	17.1	0.2%
Hl	Hillgate silt loam, 0 to 3 percent slopes	127.2	1.7%
KoA	Kimball gravelly loam, 0 to 3 percent slopes	6.6	0.1%
KpA	Kimball loam, 0 to 3 percent slopes	103.4	1.4%
KpB	Kimball loam, 3 to 8 percent slopes	3.3	0.0%
Mc	Maywood fine sandy loam, 0 to 3 percent slopes	22.8	0.3%
Md	Maywood fine sandy loam, moderately deep, 0 to 3 percen t slopes	120.6	1.6%
Me	Maywood loam, 0 to 3 percent slopes	150.2	2.0%
Mf	Maywood loam, high terrace, 0 to 3 percent slopes	134.3	1.8%
Mh	Maywood silt loam, 0 to 3 percent slopes	6.5	0.1%
Mx	Moda loam, 0 to 3 percent slopes	258.4	3.4%
NrE	Newville gravelly loam, 30 to 50 percent slopes	11.0	0.1%
PkA	Perkins gravelly loam, 0 to 3 percent slopes	74.9	1.0%
Rb	Red Bluff loam, 0 to 3 percent slopes	166.3	2.2%

Tehama County, California (CA645)			
Map Unit Symbol	**Map Unit Name**	**Acres in AOI**	**Percent of AOI**
Rg	Red Bluff gravelly loam, 0 to 3 percent slopes	112.0	1.5%
Rm	Redding loam, 0 to 3 percent slopes	18.9	0.2%
RnA	Redding gravelly loam, 0 to 3 percent slopes	510.6	6.7%
RnB	Redding gravelly loam, 3 to 8 percent slopes	24.2	0.3%
Rr	Riverwash	371.0	4.9%
TaA	Tehama loam, 0 to 3 percent slopes	293.1	3.8%
W	Water	12.4	0.2%
Totals for Area of Interest		**7,630.2**	**100.0%**

Attachment B



GPO 971689

PLATE 2

Attachment C

PROBERTA WATER DISTRICT
Operation Rules & Regulations

Assessments:

All assessments and repayments must be paid yearly and paid in full before receiving water. Farmers are to order water by April 1st. of each year, and with that a check for half of the water order must be paid and the balance by July 1st.

Water Shortage:

If there is a water shortage, water is than allocated by taking the total acres in the District and dividing it by the Acre Feet of water the District will receive. Therefore get a percentage rate. The rate is then used to figure what each landowner in the district's allotment will be.

Unwanted Water:

All landowners will receive a notice of what they are allotted. If they do not want the water they must send the signed notice back saying no water wanted for this year by the due date. All unwanted water will than go back into the bank for redistribution.

Pricing:

Pricing of water is set by the Bureau. The District also charges a maintenance fee on top of the cost of water per acre ft.

District Measurement:

The District has meters on all outlets; whenever water is delivered the Watermaster reads the meters, same when he turns it off. If is then given to the Secretary, so that she may enter the figures into the ledger for each farmer and she in turn also sends each month to the farmers their usage report. The report includes water used during that month, previous used and used year to date. If they wish a copy of the usage they used for the year, that is also provided.

The Bureau reads their meters at the Flores Ave. and Ottman Pumping Plants, and sends their readings to the District. The District totals their usage by the farmer's meters and by each lateral usage. If there is a lot of difference the secretary than notifies the Bureau for their readings.

Attachment D.

Invoice

Proberta Water District

P.O. Box 134
Proberta, CA 96078

Date	Invoice #
3/31/2009	2

Bill To

Sample Assessment Bill

P.O. No.	Terms	Project
	Net 30	

Quantity	Description	Rate	Amount
92,563	37-090-17 40 Acres	0.006	555.38
27,123	37-090-18 10 Acres	0.006	162.74
26,977	37-090-19 10 Acres	0.006	161.86
102,602	37-090-34 39.69 Acres	0.006	615.61
53,490	37-090-42 23.41 Acres	0.006	320.94
26,224	37-090-72 9.99 Acres	0.006	157.34

Assessment for Year 2009

Total $1,973.87

Attachment D

Invoice

Proberta Water District

P.O. Box 134
Proberta, CA 96078

Date	Invoice #
6/19/2009	64

Bill To

Sample Water Bill

P.O. No.	Terms	Project

Quantity	Description	Rate	Amount
10	Half of water for 40 acres @ .21 acre feet per acre	38.00	380.00
33	Additional Water Allotment	38.00	1,254.00

Total water allotted for this parcel(s) is

Total $1,634.00

Attachment K

PROBERTA WATER DISTRICT

P.O. Box 134

Proberta, CA 96080

Dear Water User,

As stated in the previous letter, because we are being restricted on how much water the Irrigation Districts will receive this year. We are asking that you fill out the lower half of this page sign and return it to the Water district's address above no later than **April 15, 2009**.

I intend to Irrigate _____

Expected water needs for the year _____acre feet

I do not intend to Irrigate_____

_____

Landowner – Water User

DUE APRIL 15, 2009

Attachment M

Proberta Water District NEWSLETTER

January 2010

Upcoming Workshops

January 26th ~ Holistic Financial Planning Workshop

Learn how to step up a planning process, finances, effectively monitor and control your plan, and link your plan to people and environment critical for your success. Learn importance of succession & estate planning.

For more information on this workshop please call Butte County RCD at (530) 534-0112 ext. 116 or www.buttecountyrcd.org

Other Dates for this workshop include February 2nd, 16th & 23rd, 2010 in Glenn and Butte Counties.

February 13th ~ No-Till Gardening

This workshop includes Planting Demo, Soil Testing, Maintenance and will talk about Worms.

For more information or to RSVP please call Tehama County Resource Conservation District at 527-3013 ext. 3 or www.tehamacountyrcd.org

March 16th ~ Water-Wise Landscaping

This workshop will include Water Quantity, Quality and will talk about the Salmon.

For more information or to RSVP please call Tehama County Resource Conservation District at 527-3013 ext 3 or www.tehamacountyrcd.org

Also enclosed please find the **Watershed Coalition News – Recap for 2009**

Attachment M

Watershed Coalition News

INFORMATION FOR CENTRAL VALLEY AGRICULTURE

WINTER/SUMMER 2009 RECAP

NORTH VALLEY

IN THIS ISSUE

PUBLISHED BY
Coalition for Urban/Rural Environmental Stewardship
www.curesworks.org

WITH SUPPORT FROM
Almond Board of California
www.almondboard.com

EDITOR:
Parry Klassen pklassen@unwiredbb.com

Long Term Irrigated Lands Program In Development

Groundwater and farm nutrients received the most attention in public meetings held this past winter and spring between the Regional Water Board, agriculture coalitions and public interest groups. With the existing Irrigated Lands Regulatory Program (ILRP) set to expire in 2011, the Regional Board is asking for input from stakeholders on how the next program should look. Multiple meetings have been held since February 2009 as well as the Regional Water Board requesting that all interested stakeholders submit their approaches to regulating ground and surface waters.

If early comments and meeting discussions are any indication, the future surface water program will likely look similar to the existing ILRP. How groundwater will be regulated is far less certain. The Regional Water Board in July released a draft of five alternative approaches to regulate groundwater. One of those approaches, or a combination of several, will ultimately be adopted by the Board in 2011.

In an October 2008 stakeholder meeting, the Regional Water Board laid out an aggressive timetable for developing a draft long term program, asking for a near complete outline by October 2009. The draft Environmental Impact Report is due Spring 2010 with a final certification by Regional Water Board expected by Winter 2010.

In comments sent to the Regional Water Board in mid-2009, watershed coalitions and other agricultural interests suggested using a multifaceted approach to regulate groundwater in the Central Valley. The basic principles include:

- Reliance on local agencies (irrigation districts, county agencies, etc.) to be responsible for determining the need for groundwater quality protection requirements, using Integrated Regional Groundwater Management Plans, AB1938 or AB3030 plans as the basis;
- Relying on a third-party entity (watershed coalition, commodity group, etc.) to develop groundwater quality management plans for areas where problems have been identified. Farmers in those areas would need to adopt practices should crop inputs be the source (fertilizer or pesticides).

In such an approach, third parties would start out by evaluating available groundwater data then identifying areas and constituents of concern, then prioritize areas to address first. Also identified would be agricultural practices that may be causing or contributing to problems and management practices that growers could use to address the constituents of concern. To be in compliance, growers would complete acknowledgement forms, agreeing to implement identified management practices to the maximum extent practicable.

In the approach supported by public interest groups such as Clean Water Action, California Rural Legal Assistance Foundation and Community Water Center, agriculture would be required to develop watershed or regional plans that include identification of high risk areas, reporting of nutrient and pesticide application on a farm by farm basis, adoption of BMPs and monitoring of shallow groundwater.

Whichever program is ultimately adopted, ample opportunity still exists for public input. The "alternative approaches" for the new program are to be evaluated in an Environmental Impact Report (EIR) not expected to be finalized until Fall 2010. The alternatives to be examined by the EIR, which the Water Board is anticipated to combine into a single approach, were finalized in August 2009. The final program goes to the Water Board for a vote in Summer 2011.

DPR Moving On Irrigation Runoff Regs

Draft regulations targeting pesticides in irrigation runoff began the lengthy public review process in April. In an unusual step, the California Department of Pesticide Regulation (DPR) sent the draft rules first to the Water Board for comment. County agricultural commissioners also were also given the chance to review the draft regulations. By mid-summer, agricultural organizations had not seen a copy of the new rules.

DPR said in 2008 that the rules would be patterned after the dormant spray regulations for orchards and will focus on insecticides and herbicides frequently detected by watershed coalition sampling. Growers will need to follow Best Management Practices should specific pesticides be applied before irrigating fields that drain into waterways.

As with the dormant spray regulations, growers will have a menu of management practice options to choose from. Such practices would target the pathway for all types of farm inputs entering waterways. DPR expects a lengthy public review process and adoption no sooner than 2010.

Attachment M

Watershed Coalition News

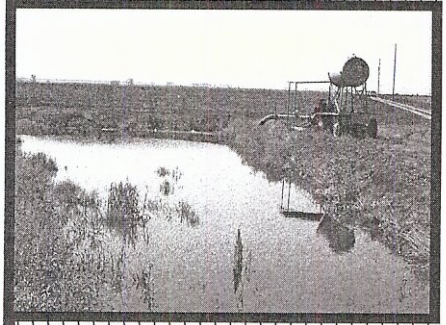
INFORMATION FOR CENTRAL VALLEY AGRICULTURE

GROUNDWATER SPECIAL

NORTH VALLEY

IN THIS ISSUE

- Review of Proposed Groundwater Regulations



PUBLISHED BY
Coalition for Urban/Rural Environmental Stewardship
www.curesworks.org

WITH SUPPORT FROM
Almond Board of California
www.almondboard.com

EDITOR:
Parry Klassen pklassen@unwiredbb.com

This special edition of Watershed Coalition News takes a close look at the alternatives being considered for the new proposed Long Term Irrigated Lands Regulatory Program. With the existing ILRP set to expire in 2011, the Regional Water Board is working with a broad range of stakeholders to develop a new program. While final adoption is almost two years away, now is the time to examine closely the options being considered and combine efforts with others to urge changes in aspects that are unworkable for Central Valley agriculture. The outcome will undoubtedly impact the future of irrigated agriculture in the Central Valley.

EIR To Examine Alternatives for Regulating Water Quality

Agricultural groups and watershed coalition managers got their first look this summer at what may be the future of groundwater regulations for agriculture in the Central Valley.

In mid-September, five alternative approaches for regulating ground and surface water began a six to eight month environmental review process that will put a price tag – for farmers and state regulators alike – on each of the programs. The five alternatives being examined range from slightly more than status quo to comprehensive farm nutrient management plans and extensive groundwater monitoring.

The review process is part of the long overdue Environmental Impact Report (EIR) on the Irrigated Lands Regulatory Program. The EIR process was stalled when the original ILRP was passed in 2003 then restarted in 2008, this time with a groundwater component added to the mix. The EIR is required under California Environmental Quality Act (CEQA) and examines the economics, policy ramifications and environmental impacts of new programs.

When an EIR examines a new regulatory program, it must provide regulators, in this case the Central Valley Regional Water Quality Control Board, a review of a range of program alternatives or approaches to regulate. Each alternative is examined separately on its own merits then summarized for the Regional Water Board members in the final EIR. Meanwhile, the Water Board staff, using information from the EIR, is expected to construct its own program, picking and choosing different aspects from each of the five alternatives to build its "ideal" surface and groundwater program. When the final EIR is presented to the Regional Water Board members, expected in fall 2010, it will be accompanied by a Regional Water Board "staff recommended" program that will have been vetted through a lengthy public process. The nine-member Regional Water Board can chose any of the five alternatives from the EIR but the staff recommended program is the most likely alternative to be passed.

Exactly what will be in the staff recommended program won't be known until spring 2010. But the five alternatives now being examined give an idea of the range of approaches being considered by Regional Water Board staff. The five alternatives were developed by a multi interest "workgroup" made up of local government, industry, agricultural and environmental coalitions from the Central Valley. The workgroup met four times in 2009 to advise and provide comment to Regional Water Board staff as it compiled the ILRP alternatives. Agricultural interests combined efforts to develop and deliver critical comments on the last draft of alternatives in late September. Regional Water Board staff has said they would work with agricultural and environmental stakeholders to adjust the alternatives based on their respective comments.

Regional Water Board staff committed to updating stakeholders on the EIR progress throughout the winter 2009-10 and also to seek input on environmental, economic and policy aspects of each alternative. At its October 8th Regional Water Board meeting, staff updated the Board members on the workgroup process, proposed ILRP alternatives and next steps in the EIR process.

Groundwater Quality Strategy is Goal of New Effort

It's not a new groundwater regulation and it won't set state policy. The Regional Water Board calls it a "Groundwater Quality Strategy." A resolution by the Regional Water Board in 2008 called on staff and the regulated community to work on a broad strategy to identify issues and concerns, including priorities on how the Board will move forward to address groundwater quality in the Central Valley.

Industry and the public had opportunity for input at a round of workshops in August 2009. The final strategy (first draft set for October/November), will serve as the Water Board's road map for developing new regulations and help in coordinating with other agencies with regulatory authority over groundwater (Dept. of Pesticide Regulation and Dept. of Food and Agriculture). The strategy will contain:

- Summary of current conditions and state of groundwater quality throughout the Central Valley;
- Summary of current groundwater regulatory programs being implemented by the Regional Water Board and other local and state agencies; and
- Roadmap for future regulatory and control activities that will be implemented by the Regional Water Board to assure comprehensive, consistent, and coordinated groundwater protection program is being implemented throughout the Central Valley Region.

Another round of workshops for public input on the draft strategy are expected in October or November 2009. A final version could be ready for a Regional Board vote by January or February 2010.

Proberta Water District
P.O. Box 134
Proberta, CA 96078

RESOLUTION

BE IT RESOLVED, that the Proberta Water District Board of Directors approved the Proberta Water District Water Management Plan for 2008 Criteria.

Dated April 20, 2010

Carrie Rohr
Secretary for the Proberta Water District

Ayes: Ohm, Byrd, Moser, Slade, Jones
Nyes: none